.	UTILITY Attorney Docket No. 2416/6050XCON1									
	PATENT APPLICATION									
(Only	TRANSMITTAL Title ADSORPTION HEAT PUMP AND USE OF ADSORBENT AS ADSORPTION HEAT PUMP AND USE OF ADSORBENT AS ADSORPTION HEAT PUMP									
		Assignee Name: (1) Mitsubishi Chemical Corporation								
		(2) Denso Corporation Assignee Address: (1) 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 Japan								
		(2) 1, Showa-cho 1-chome, Kariya-shi, Aichi 448-8661 Japan								
			U							
	APPLICATION ELEMEN See MPEP chapter 600 concerning utility patent		Commissioner for Patents ADDRESS TO: Mail Stop Patent Application Alexandria, Virginia 22313							
1.	Fee Transmittal Form (e.g. PTO/SB (Submit an original and a duplicate for fee pr	/17) ocessing)	ACCOMPANYING APPLICATION PARTS							
			7. ⊠ Assignment Papers (cover sheet & document(s)) 8. ⊠ Application Data Sheet. See 37 CFR 1.76							
2.		Sheets 76	· ''							
			9. 37 C.F.R. §3.73(b) Statement Power of Attorney (when there is an assignee)							
3.	Formal Drawing(s) Total (35 U.S.C. 113)	Sheets 12	10. □ English Translation Document (if applicable)							
			11. ⊠ Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations (3)							
4.		l Pages 12	12. ⊠ Preliminary Amendment							
	a. ⊠ Newly executed (original or cop	• /	13. ⊠ White Advance Serial No. Postcard							
٠	b. Copy from a prior application (3 (for continuation / divisional w/ box		14. □ Certified Copy of Priority Document(s) (if foreign priority is claimed)							
	 i. DELETION OF INVENTO Signed statement attached dele the prior application, see 37 C.F 1.33(b). 	ting inventor(s) named in F.R. §1.63(d)(2) and	15. ☐ Applicant claims small entity status. See 37 CFR 1.27							
ົ 5.	☐ CD-ROM or CD-R in duplicate, large	e table or Computer	16. ☑ Other: International Search Report							
6	Program (Appendix)	Poqueet for Priority								
0.	□ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)									
	a. Computer Readable Form (CR	•								
	b. Specification or Sequence Listing of									
	i. 🛘 CD-ROM or CD-R (2 cop	ies); or								
	ii. 🗆 Paper									
	c. Statements verifying identity of	<u> </u>								
17.	If a CONTINUING APPLICATION, chec									
	□ Continuation □ Divisional	□ Continuation-	in-part (CIP) of International Application No. PCT/JP02/01496, filed February 20, 2002							
	Prior application information: Examin		Group Art Unit:							
For C cons wher	CONTINUATION OR DIVISIONAL APPS only: The dered a part of the accompanying continuation or a portion has been inadvertently omitted from the	entire disclosure of the prid divisional application and is submitted application parts	or application, from which an oath or declaration is supplied under Box 4b, is thereby incorporated by reference. The incorporation can only be relied upon s.							
10	Amend the specification by inserting bef	ore the first line the se	antence.							
	This application is a Continuation	Division	□ Continuation-in-part (CIP)							
_	of International Application No. PCT/JP		• • •							
7 🗆	Which was published in English									
	,	_								
• 0	□ This application claims priority of provisional application Serial No. Filed									
		19. CORRESPOND	ENCE ADDRESS							
22850 (703) 413-3000										
FACSIMILE: (703) 413-2220										
1	Name: Norman F. Oblon		Registration No.: 24,618							
	DA II		8/21/13							

Attorney Docket No.

124161605UXCUN1

Name:	Name: Norman F. Oblon Regis		24,618
Signature:	POVatino	Date:	8/21/03
Name:	Frederick D. Vasting Registration No. 27,0		

241676US0X CONT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) Hiroyuki KAKIUCHI, et al.

SERIAL NO: New Application

FILING DATE: Herewith

FOR: ADSORPTION HEAT PUMP AND USE OF ADSORBENT AS ADSORBENT FOR ADSORPTION

HEAT PUMP

FEE TRANSMITTAL

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

FOR	NUMBER FILED	NUMBER EXTRA		RATE		CALCULATIONS
TOTAL CLAIMS	62 - 20 =	42	х	\$18	=	\$756.00
INDEPENDENT CLAIMS	10 - 3 =	7	х	\$84	=	\$588.00
☐ MULTIPLE DEPENDEN	T CLAIMS (If appl	icable)	+	\$280	=	\$0.00
☐ LATE FILING OF DECLARATION				\$130	=	\$0.00
	\$750.00					
	\$2,094.00					
☐ REDUCTION BY 50% F	\$0.00					
☐ FILING IN NON-ENGLISH LANGUAGE				\$130	=	\$0.00
■ RECORDATION OF ASSIGNMENT				\$40	=	\$40.00
				TOTA	L	\$2,134.00

- ☐ Please charge Deposit Account No. <u>15-0030</u> in the amount of **\$0.00** A duplicate copy of this sheet is enclosed.
- A check in the amount of \$2,134.00 to cover the filing fee is enclosed.
- ☐ Credit card payment form is attached to cover the filing fee in the amount of
- The Director is hereby authorized to charge any additional fees which may be required for the papers being filed herewith and for which no check or credit card payment form is enclosed herewith, or credit any overpayment to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Norman F. Oblon

Registration No. 24,618

Frederick D. Vastine Registration No. 27,013

Date:

22850

2/21/03

Tel. (703) 413-3000 Fax. (703) 413-2220 (OSMMN 05/03)